



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Stephen A. Stockman; Daniel A. Steigerwald; Changhua Chen  
Assignee: Lumileds Lighting U.S. LLC  
Title: Minority Carrier Semiconductor Devices With Improved Reliability  
Serial No.: 09/169,218 Filing Date: October 9, 1998  
Examiner: W. Louie Group Art Unit: 2814  
Docket No.: 10950486-8

San Jose, California  
January 21, 2004

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Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

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UNDER 37 CFR § 1.97(b)**

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Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the document listed on the accompanying form PTO/SB/08A and PTO/SB/08B are called to the attention of the Examiner for the above patent application. These documents were cited by the Examiner in a foreign counterpart of the above-referenced application. Copies of the articles and foreign patents are enclosed. Copies of the cited US Patents are not enclosed as the requirement under 37 CFR 1.98 (a)(2)(i) is waived.

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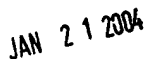
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Respectfully submitted,

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**Complete if Known**

Application Number	09/169,218
Filing Date	October 9, 1998
First Named Inventor	Stephen A. Stockman
Art Unit	2814
Examiner Name	W. Louie
Attorney Docket Number	10950486-8

Sheet

01

Attorney Docket Number

10950486-8

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		07094780 A	04-07-1995	Toshiba Corp.		
		GB 2 189 166 A	10-21-1987	Mitsubishi		
		DE 36 14079 A1	10-29-1987	Mitsubishi		

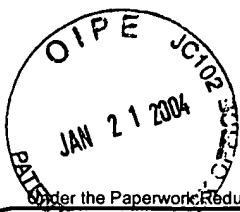
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Completion if Known**

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Sheet

of

Attorney Docket Number

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		S.M. Sze, "Physics of Semiconductor Devices", Appl. Phys. Lett., Vol. 61, No. 11, 14 September 1992, 3 pages.	
		Z. Yu et al., "High-resolution study of stimulated emission from blue-green laser diodes", Appl. Phys., Lett., 61, Vol. 11, 14 September 1992, pp. 1266-1268.	
		"Einführung in die Festkörperphysik", Scientific American 209, 71 (August 1963), 4 pages.	
		Neil W. Ashcroft et al., "Solid State Physics", Saunders College, 4 pages.	

Examiner Signature		Date Considered	
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